

Expedited Procedure Under 37 C.F.R. §1.116
Examining Group 1797
Application No. 10/519,584
Paper Dated: February 2, 2009
In Reply to USPTO Correspondence of October 31, 2008
Attorney Docket No. 1217-045998

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

Claim 1 (Currently Amended): An exhaust gas purifying catalyst-supported member comprising a metal carrier and a catalyst layer directly formed on a surface of the metal carrier, said catalyst layer ~~comprising~~ consisting essentially of an exhaust gas purifying catalyst and silicon oxide, wherein the weight ratio between the exhaust gas purifying catalyst and silicon oxide in the catalyst layer is in the range of 10:90 to 40:60, and the exhaust gas purifying catalyst in the catalyst layer consisting of at least one noble metal selected from the group consisting of platinum, palladium and rhodium, and activated alumina.

Claim 2 (Previously Presented): The exhaust gas purifying catalyst-supported member as claimed in claim 1, wherein the weight ratio between the exhaust gas purifying catalyst and silicon oxide in the catalyst layer is in the range of 20:80 to 40:60.

Claim 3 (Cancelled).

Claim 4 (Original): The exhaust gas purifying catalyst-supported member as claimed in claim 1, wherein the metal carrier is a metal plate selected from the group consisting of a stainless steel plate, a stainless steel tube and a stainless steel corrugated plate.

Claim 5 (Previously Presented): The exhaust gas purifying catalyst-supported member as claimed in claim 1, wherein the weight ratio between the noble metal and the activated alumina in the exhaust gas purifying catalyst layer is in the range of 1:1 to 1:35.

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Claim 6 (Original): The exhaust gas purifying catalyst-supported member as claimed in claim 1, which is a mesh filter brought into contact with an exhaust gas from a diesel engine.

Claim 7 (Previously Presented): The exhaust gas purifying catalyst-supported member as claimed in claim 1 wherein a peel ratio of the catalyst layer is less than 37.5 wt%.

Claim 8 (Previously Presented): The exhaust gas purifying catalyst-supported member as claimed in claim 1 wherein a peel area of the catalyst layer is 1/5 to 1/10 less than a peel area of a catalyst layer of an exhaust gas purifying catalyst support member which includes a silicon dioxide undercoating and a catalyst layer that is substantially free from silicon dioxide.

Claim 9 (New): The exhaust gas purifying catalyst-supported member as claimed in claim 1, wherein the silicon oxide acts as a binder.